

EARLY SUPPRESSION FAST RESPONSE FIRE PROTECTION SPRINKLER

Abstract of the Disclosure

An early suppression fast response pendent-type fire protection sprinkler is suitable for use in accordance with one or more of NFPA 13, NFPA 231 and NFPA 231C to protect single row rack storage, double row rack storage and multiple row rack storage, the sprinkler having a K-factor of about 25 and flowing pressure of about 15 pounds per square inch. Preferably, the sprinkler has a body defining an orifice and an outlet for delivering a flow of fluid from a source, and a deflector mounted with a first surface opposed to flow of fluid from the outlet. The deflector defines at least one pair of generally opposed reentrant slots extending from the first surface through the deflector, the reentrant slots extending from slot openings at an outer peripheral edge of the deflector inwardly from the peripheral edge toward a deflector axis.

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